



USING AN APPROVED SAFETY GASOLINE CAN, Y-12er Earl W. Smith, of Machine Maintenance, exercises care in filling his power mower, left. At right, Smith shows the proper and safe method of mowing his lawn—running along with the grade



instead of uphill, the latter pattern dangerous because of the danger of the mower slipping back over the feet of the operator. These pictures and others with the story were posed for The Bulletin.



FALLS ARE A COMMON CAUSE OF DISABLING INJURIES in many homes. At left, Mrs. Linda Smith, wife of Earl Smith (in top pictures) is careful to use the hand rail on the fairly steep steps to her basement. At right, H. N. Wright, of the Beta Four Heavy Machine Shop, demonstrates how a slipping scatter rug could cause a bad tumble. Both of these pictures were posed for The Bulletin. More pictures on Page Four.

## Device To Remove Smog-Producing Poisons From Automobile Exhausts Developed By UCC

Corporation, Automotive Industry Working Jointly To Perfect System; Tests Are Planned

Union Carbide Corporation has developed a new system for removing smog-producing and poisonous components from automobile exhaust gases, it has been announced. The new system is the result of a research effort begun about two years ago to study possible approaches to the solution of the problem. Tests to date indicate that conversion of harmful exhaust gases by Union Carbide's system meets the requirements established recently by the California Department of Public Health. Its simplicity and compactness indicate that no major modification will be necessary in mounting the unit in the automobile.

### Unique Approach Used

The heart of Union Carbide's system is a unique engineering approach which combines the advantages of direct combustion with catalytic oxidation to burn between 80 and 90 per cent of the hydrocarbons and carbon monoxide. This is accomplished by locating the device to take maximum advantage of engine heat and by employing special new catalysts which are most effective under these conditions. Operating, as it does, at elevated temperatures, the Union Carbide system has the added advantage of minimum bulk;

only modest quantities of catalyst are required. With this combination, conversion begins almost immediately upon starting a cold engine, and a high level of efficiency is achieved within a very few minutes.

While laboratory tests have demonstrated the feasibility of the system, further tests must be made to establish its reliability over long service periods before it will be ready for public use.

### Patents Are Pending

The development of the new system, under the guidance of Union Carbide Development Company, is proceeding in co-operation with the automotive industry. Under this program the system, which is covered by pending patent applications, will be tested and evaluated by automobile producers in their laboratories, and under actual driving conditions.

### LEARN TO TALK AGAIN

The American Cancer Society, in cooperation with the International Association of Laryngectomees, is helping people who have lost their voices to cancer to speak again. Much help is needed in the Society's total fight against cancer for research and education as well as for rehabilitation.

## 'Safety Everywhere—All The Time'

## Off-The-Job Accident Prevention Campaign Being Warmly Received In Many Y-12 Homes

Proportion Of Off-The-Job Disabling Injuries To Plant Accidents Shows Need Of Carefulness

The "Safety Everywhere, All The Time" campaign now being waged against off-the-job accidents that disable Y-12ers and members of their families is being warmly received, a recent quick survey by The Bulletin has revealed. In visits to three Y-12 homes in Oak Ridge, picked at random, it was found that family members were well aware of the hazards of home and becoming more and more safety conscious as they learned of the increase of off-the-job accidents in 1959 over the previous year and the alarming proportion of such mishaps to disabling injuries of Y-12ers at work.

### Aware Of Mower Menace

The first stop made on the recent home tour was at the residence of Earl W. Smith, Machine Maintenance, and his wife, Linda, at their new home at 116 East Hutchison Road. Smith is well aware of the menace of the power mower, when not handled correctly and safely. For the benefit of a camera man Smith demonstrated in the pictures above, two important safety angles in operating his mower.

Smith uses an approved type of safety gasoline can to hold fuel for his mower, keeping it tightly sealed when not in use. In filling the tank of his mower he always is careful to see that the spark plug is disconnected so that there is no danger of the mower accidentally starting while it is being filled.

### Safety Equipment Used

In mowing his sloping lawn, Smith rolls along with the grade instead of trying to push the heavy mower uphill and down. This does away with the hazard of possibly having the mower slip back over the feet of the operator with the almost inevitable injury to toes and feet. While mowing, Smith also wears safety glasses and safety shoes, to protect his eyes against possible injury from flying rocks or other items picked up by the whirling blades—and also his feet from an injury possibly occurring from causes previously related.

Mrs. Smith also is safety conscious at home, particularly in taking advantage of bannisters on stairs leading to the basement.

One of the tour stops brought The Bulletin to the Woodland section house of H. N. Wright, Beta Four Heavy Machine Shop, 127 Marietta Circle. Wright has a young daughter, Annette, four years old.

Continued on Page 4

## Y-12ers Invited To Hear

## ORNL Man Talk At Seminar

Y-12 scientific and technical personnel are invited to attend a seminar of the Physics Division of the Oak Ridge National Laboratory on Friday afternoon of this week, May 20. The meeting will be at 3 o'clock in the auditorium of Bldg. 4500, ORNL. The speaker will be George T. Trammell, of the ORNL Physics Division, and his subjects will be "Some Aspects of the Mossbauer Effect."

## IRE Group To Hear Lecture On Oscilloscopes May 19

The Oak Ridge Chapter of the Professional Group on Nuclear Science of the Institute of Radio Engineers will meet in the Green Room of the Ridge Recreation Hall tomorrow night, Thursday, May 19. The meeting will be at 7:30 o'clock. C. L. Bouffiau, of the Tektronix, Inc., Atlanta, Ga., will speak on "Cathode Ray Oscilloscope Manufacture. His lecture will be illustrated by a movie. The public is invited to attend.

## Mechanical Maintenance Big Contributor To Excellent Safety Record Of Y-12 Plant

The Mechanical Maintenance Department of the Maintenance Division substantially contributed to the establishment of the string of more than 5,000,000 hours of Y-12 Plant operations without a disabling injury reported. During the month of April this department established an outstanding safety record as from March 25 to April 28 there were not only no disabling injuries reported—but also no mishaps of any kind requiring even first aid or other medical attention.

Division Superintendent J. W. Ebert in a letter to Department Superintendent C. B. Newman con-

## 5,000,000 Hours Of Safe Working Reached In Y-12

Mark Is Unofficial Until 20-Day Waiting Period Has Elapsed

The coveted and long-awaited safety mark of 5,000,000 hours of Y-12 Plant operations without a disabling injury was unofficially reached at 12:01 a.m. last Wednesday, May 11. The safety scoreboards showed 5,036,000 man-hours on that morning and the 26th Union Carbide Safety Period of more than 1,500,000 hours of accident-free plant operations was still going strong over the past week end.

### Mark Not Seen Threatened

No UCC Safety Period is official until a 20-day waiting period after it is achieved. This is to determine if any pending accident cases develop into disabling injuries that would have to be recorded as occurring during the duration of the period.

The Y-12 Safety Department reported last week that there are no present pending cases threatening to mar the 5,000,000-hour record.

Although naturally elated that the 5,000,000-hour accident-free mark has been passed, safety-conscious Y-12ers are not exhibiting any complacency over the achievement. "Let's keep the accident-free mark unbroken indefinitely" is the general attitude of Y-12ers who hope that with the momentum gained in the present period, the time can reach and even exceed the 10,000,000 mark.

### Second Time 5,000,000 Passed

The 26th UCC Safety Period is the second posted by the Y-12 Plant with more than 5,000,000 hours of operations with no lost time accidents. The 22nd UCC Safety Period

Continued on Page 4

## SAFETY SCOREBOARD

The Y-12 Plant Has Operated  
156 Days Or  
5,176,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling Injury  
Through May 15  
Phone 7755  
For Daily Report  
On Accident-Free Hours



# The Bulletin

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## Continental Classroom Again Backed By UCC

### TV Education Program Resumes In September

Union Carbide Corporation will continue its support of the popular television educational program "Continental Classroom" during the coming academic year of 1960-1961. The program is carried over the National Broadcasting Company network, with the East Tennessee outlet being WATE-TV, Channel Six, Knoxville.

#### New Course Is Offered

Beginning in September, "Modern Chemistry" will be repeated through "Continental Classroom" from 6 a.m. to 6:30 a.m., Mondays through Fridays. From 6:30 a.m. to 7 a.m. a new course, "Contemporary Mathematics" will be televised. "Modern Chemistry" will be shown in color and "Contemporary Mathematics" in black and white.

The first semester in "Contemporary Mathematics" will be "Modern Algebra," taught by Dr. John L. Kelley, of the University of California. The second semester will be "Probability and Statistics," with Dr. Frederick Mosteller, of Harvard University, being the instructor.

The purpose of the new program, similar to the aim of "Modern Chemistry" is to "upgrade the teaching of mathematics at the college and high school level and to interest college freshmen and sophomores and gifted high school students in careers in mathematics and teaching."

## Rides Wanted, Offered

**Ride wanted from Clinton to North Portal, D Shift.** J. T. Young, plant phone 7549, home phone Clinton 1208-XW.

**Ride Wanted from Warrior Circle, Oak Ridge, to East Portal, straight day.** Blanche Miller, plant phone 7-08445.

**Rider wanted from South or West Knoxville to any portal, straight day.** S. W. Hilton, plant phone 7-8723, home phone Knoxville 7-7683.

**Ride wanted or will join car pool from Inskip section, Knox County, to any portal, C Shift.** J. D. Kirkpatrick, plant phone 7993, home phone Knoxville MU 7-3608.

**Ride wanted from 222 North Purdue, Oak Ridge, to North Portal, straight day.** Wayne Amsbury, plant phone 7344.

## Rail Historical Society Meeting Set For Friday

The Old Smoky Chapter of the National Railway Historical Society, of which a number of Y-12ers are members, will hear a talk on Scottish railroads at a meeting set for Friday night of this week, May 20. The meeting will be held in the Louisville and Nashville Railroad station in Knoxville. The speaker will be John M. Gorrie. In addition to his talk, a movie by the L. & N. Railroad will be shown.



**A PAIR OF DOLLS**—that's Rebecca White and the big and beautiful rag doll she entered in the Oak Ridge Recreation Department's recent doll show. The doll won an award, the certificate being held by Rebecca and shown in center of picture. "Becky" is eight years old and the daughter of William H. White, Product Processing, and his wife, Nelda, a former Y-12er whose name also was White before her marriage. Mrs. White made the doll for "Becky" and the entry wore a size three dress.



Disgusted by the drizzle and the Arctic temperatures of last week, one Y-12er threatened to jump off the nearest bridge—wanted to see if hereafter was any warmer.

With that burden off his so-called mind, the Colyum Conductor will assemble notes from hither and yon and get along with the business. First comes—

#### ENGINEERING

Electrical Engineering contacts say that O. E. Gilcrease moved into his new home in Emory Valley last week—took a "spell" to build it, but it's plum purty, they say.

Lots of pretty ladies and laddies from Mechanical Engineering represented the department at the Y-12 Spring Dance last Friday—it being Friday the 13th to the contrary notwithstanding . . . Richard R. Spears was the new guest welcomed to the ranks last week. Dick, the missus and their two progeny now make their home in Oak Ridge . . . W. R. Gent cavorted all the way down to Cordele, Ga., over the past week end to take in some more sport car racing.

#### SHIFT SUPERINTENDENTS AND UTILITIES

The SS Office was all agog last Thursday over the news that Ada Hopkins, erstwhile aide to SS Dan "Admiral" Rader, had become a mama (Ada, not Dan). The Hopkins heir was a baby girl, born at 5:02 p.m. Wednesday, May 11, at Oak Ridge Hospital and named Cindy Lynne. Pop Clyde Hopkins, Production Control, confided that the youngster weighed seven pounds, 11 ounces, but denied the numerical combination hinted at any type of dominos play by either parent. Clyde says Mom, daughter—and he—were doing nicely and that mother and baby were expected to go home over the week end . . . Finley Craigh, Boss of the B Brigade, visited his brother in Ronceverte, W. Va., during his recent long break.

Vacationers from Utilities this week include W. S. Everette, visiting relatives in Middle Tennessee and back for trout fishing in the mountains . . . H. R. Cannon also is fishing in between spells of working on his new home . . . G. R. Beasley is sightseeing in Jacksonville and Miami, Fla. . . L. M. Adams went over to Ducktown and Murfreesboro to see kin folks and then to North Carolina for some angling . . . Last week's vacationer was J. L. Finchum, fished and stayed around home . . . Sympathy is extended J. O. Olvey, whose father died recently . . . Utilities also is saddened by the death of John White, a former employee . . . Get well wishes go to the wife of Sam Kite—she underwent surgery recently.

#### INDUSTRIAL RELATIONS

Security has put the tag of "King Tut" on "Slugger" J. M. Seivers, Jr., since they sealed up his tomb (formerly Room 114, Bldg. 9704-2) but the sealers forgot to confine him therein, leaving another exit.

The Fire and Guard Department welcomes Guard P. C. Goins back after a melee with the miseries in Oak Ridge Hospital . . . Get well wishes are sent to Guard O. A. "Joe" Lynch in Oak Ridge Hospital and also to Guard L. A. Litton in Presbyterian Hospital, Knoxville . . . Guard M. N. Wilkerson is off on his annual two weeks naval reserve cruise—this year on a jaunt to Jamaica aboard the USS Hunt . . . Chief Miles Bradford is vacationing at his Norris home and enjoying a visit from his sister, Edith, visiting him from Florida . . . Condolences are extended to Fireman W. T. Galyon, whose father died recently.

#### MAINTENANCE

A visit to his daughter at Tellico Plains, Tenn., is occupying the vacation time of J. L. Eller, Research Services . . . J. T. Calhoun worked on his house during vacation time . . . Get well wishes are wafted to R. T. Guice, who is recovering from an operation . . . J. L. Sprouse is welcomed back after a long illness.

Electrical Maintenance sparks report C. F. Chandler spending his vacation with his father and sister in Houston, Tex. . . J. R. Pitts is considering a trip to Panama City, Fla., and also attending a muzzle-loading rifle contest in Franklin, Ky. . . C. R. Wardell will be traveling around the state with stops scheduled at Cleveland and Chattanooga and a possible side jaunt to Atlanta . . . R. E. Wallace, R. L. Bolden and H. H. Buckner are on the ailing list and receiving rapid recovery wishes . . . Fellow employees are sorry to hear that F. E. Bean lost his house by fire.

#### TECHNICAL

The Oak Ridge home of H. C. LeTellier, Mechanical Inspection, is to receive paint and general improvement while he is vacationing next week.

No forwarding address was left by Anna P. Smith, vacationing from Special Testing.

She just stayed at her new Oak Ridge home, did Dixie Stinnett, Radiation Safety, while hubby Don Stinnett, Mechanical Engineering, went fishing. Dixie baby-sat with the Stinnett purp, Yankee, to pass the time . . . J. P. McMillan and his wife are delighted—natch—with their new baby daughter born May 10 at Oak Ridge Hospital. He immediately began his vacation and although he got away before any more vital data could be obtained about the new young 'un, one can



#### HALL-McKINNEY

The marriage of Miss Judith Ann McKinney and Joseph Robert Hall was solemnized at 4 o'clock Saturday afternoon, April 16, at Cleveland, Tenn. The ceremony was formed at the Waterfield Baptist Church, Cleveland, with the Rev. Samuel Melton officiating.

The groom is with the Y-12 Chemical Department and is a co-op student from the University of Tennessee. He is the son of Mrs. Ruby Hall, Ooltewah, Tenn., and Earl Hall, Newbury Park, Cal.

Parents of the bride are Mr. and Mrs. Vance McKinney, Route 1, Cleveland, Tenn.

Given in marriage by her father, the bride wore a white lace gown of ballerina length over white satin and a fingertip veil. She carried a white orchid on a white Bible.

Miss Erma McKinney was maid of honor and wore a ballerina-length dress of Nile green. Mrs. Johnny Hawkins and Miss Linda Hall were bridesmaids and wore dresses similar to that of the maid of honor. Their flowers were white chrysanthemums. Ring bearers were Eddie Coffee and Pamela Morrow.

Buddy Lemons, of Cleveland, served as best man and ushers were Jim Blakely and Gerald Owen, both of Cleveland.

Nuptial music was presented during the ceremony by Evelyn Melton, vocalist; and Linda Franks, organist.

A reception was held at the church immediately following the ceremony.

The bride graduated from Bradley County Central High School in Cleveland and attended the University of Tennessee. The groom also graduated from Bradley County Central High School before entering the University of Tennessee.

The couple is at home at 112 Hunter Circle, Oak Ridge.

well imagine how his time will be spent . . . Bill Everett is taking a fishing vacation.

From Laboratory Operations comes word that Bob Thornton is the Proud Pop of a baby boy—named David Harvey. Bob's wife, Mabel, formerly worked in Production Inspection . . . Marie Dinsmore and her husband, John, of Beta Two, are vacationing in Florida.

#### FINANCE AND MATERIALS

Home at Norris is the vacation hideaway of Herb Reynolds, Plant Records, and 'tis hoped that if he catches any "big" fish he holds onto the pole this time.

Timekeeping tells that G. H. Kinred attended the Lions Club convention in Gatlinburg.

Property is happy to hear of the convalescing of the father of J. D. Housley at Presbyterian Hospital, Knoxville . . . T. A. Norcross and his wife, Laura, of the Central Communications Department, are singing "Meet Me In Saint Looey" for their vacation theme song.

Reproduction extends a warm welcome to Robert "Pete" White, recently transferred from ORGDP . . . C. V. Terry and family are vacationing this week to see kin folks in Moline, Ill.

Gardening and fishing—his two pet pastimes—are taking up the vacation time of B. N. "Buzz" Strunk, Material Control . . . Anyone know where Shirley Brown went on her vacation?

#### MECHANICAL OPERATIONS

Beta Four Heavy Machine Shop is hearing a lot of fine fish tales from Jim Whitten who, accompanied by Tom Stephens, Engineering Records of the Finance and Materials Division, spent a peaceful week on a houseboat—on Norris Lake . . . W. E. Green told of "really living it up" in Florida for a week . . . S. J. Bracher visited his family in Detroit . . . Destinations unknown for vacations are reported for B. D. Duncan, E. J. Sands, R. F. Wyatt

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Mr. and Mrs. Joseph R. Hall



Get well wishes are extended the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

W. C. Anderson, Stores; B. L. Freels, Alloy Shop; R. T. Guice, Alloy Shop; W. M. Hopkins, Civil and Architectural Engineering; G. W. Phipps, Beta Four Heavy Machine Shop; Goebel Hoskins and O. A. Lynch, Guard; D. L. Hall and R. H. Bradshaw, General Machine Shop; F. O. Fox, TW Shop; C. L. Stevens, Jr., Product Processing; Perry Suber, Buildings and Grounds; F. L. Rigney, Electrical; W. T. Cale, Janitors.

## AICHe Will Hear Two At Meeting Monday Night

The Knoxville-Oak Ridge Section of the American Institute of Chemical Engineers will hear two speakers at a dinner meeting to be held next Monday night, May 23. The dinner-meeting will be at 6:30 o'clock in Room 112, University of Tennessee Student Center.

Dr. D. A. Dahlstrom, director of research for the Eimco Corp., Chicago, will be one of the speakers. His subject will be "The National AICHe and Its Relation to the Local Sections." Prof. Madeline D. Kneberg, teacher of anthropology at the University of Tennessee, will speak on "Tennessee's First 10,000 Years."

## Y-12ers With 15, 10 Years Company Service

Congratulations to the Y-12 employees listed below who will complete 15 and 10 years of Company Service within the next week.

#### 15 YEARS

William A. Eubank, Utilities, May 21.

Katherine O. Steed, Finance and Materials Administration, May 22.

#### 10 YEARS

Edgar Reagan, Production Control, May 21.

Gilbert W. Davidson, Mechanical Maintenance, May 22.

Robert C. McGuffin, Research Services, May 23.



"If you want the world to beat a path to your door, just lie down to take a nap."



## Carbide Softball Loops Begin Play

### Y-12 Teams Entered In Fast, Slow Loops

Diamond doings by Carbide softballers got under way in two leagues last week with banner seasons expected in both the fast pitch and slow pitch circuits. The fast pitch loop is composed of seven teams from Y-12, Oak Ridge National Laboratory and Oak Ridge Gaseous Diffusion Plant. In the slow pitch league there are 11 teams, from Y-12 and ORGDP.

#### Play Three Nights Weekly

The fast pitch outfits will play on Monday, Tuesday and Thursday nights at Oakwood Park with games slated to start at 6:30 p.m. and 8:15 p.m. The blooper ball boys in the slow pitch loop will play three games each on the same nights, starting at 6 p.m., 7:30 p.m. and 9 p.m. This league will operate at the Jefferson Field.

The Y-12 Plant is represented by four of the seven teams in the fast pitch loop. Two are from ORGDP and one from ORNL.

The Y-12 entries in the fast pitch league and their managers are the Whiz Kids, J. D. Collins; Atoms, D. W. Davis; Slow Pokes, Harley Law; and Fat Boys, Harry Keen. ORGDP teams are Shift Three and D Shift. The ORNL team is composed of players in the Y-12 Plant Area and is merely known as the X-10 team.

#### Split Season Scheduled

Over the slow pitch circuit the Y-12 representatives are the Y-12 Yankees, J. M. Seivers, Jr.; Development, R. A. Huber; Eagles, Loyd Wyatt; Red Devils, T. A. Picca; and 9215ers, Earl Cox. ORGDP has the Payolas, Kentucky Wonders, Dodgems, Odds 'n Ends, Process Engineers and D Shift.

The seasons for both leagues will be divided into two halves. The winner of the first half will play the winner of the second half, if necessary, in a three-game series for the seasonal championship. Trophies will be awarded winners and runners-up in both circuits.

## Go-Kart Racing Program Slated

If there are any Go-Kart racing fans in Y-12 they can see a first-class racing program on Monday, May 30, Memorial Day, at Maryville. Knoxville and Maryville Go-Kart enthusiasts, as well as other drivers of the tiny vehicles, are to compete at the Maryville Drive-In Theater, on whose grounds, a racing strip approximately one-quarter of a mile long is being constructed. The program will begin at 2 p.m.

One Y-12er, Al Sawyer, of Electrical Maintenance, is a strong supporter of Go-Kart racing and will have an entry himself in the Memorial Maryville classic. He expects about 60 Karts to vie in the event which will be a 50-lap contest with positions being determined by speed dashes prior to the main event. If there are too many entries to make the trial races feasible, positions will be designated by a drawing, Sawyer said.

The track for the race will be an irregularly shaped oval with about five turns, providing plenty of driving skill tests.

## Smoky Park Fishing Season Now Open

The open season for fishing in the Great Smoky Mountains National Park got under way May 16 and will continue through August 31, according to Fred J. Overly, Park Superintendent. Fishing hours are from sunrise to sunset, and fishing is permitted with artificial flies or lures with one hook.

Overly said that no fish under seven inches may be retained and that bag and possession limits are limited to a total of five fish.



SOME OF THE Y-12 SKEET SHOOTING ENTHUSIASTS are pictured above. From left are H. D. Landry, Fred Welfare, Joe Dunlap, Bill Weathersby, Jim Turner and Hal Tunnell. The Y-12 skeet shooters and other Carbide employees in Oak Ridge are hopeful of forming a league next season with teams representing Oak Ridge National Laboratory, Oak Ridge Gaseous Diffusion Plant and Y-12 competing. All Y-12ers interested in formation of such a league are urged to communicate with the Recreation Department, Room 132-A, Bldg. 9704-2, plant phone 7109.

## Hill-Hoppe Up Lead In Ridge Golf Loop; Six Whitewash Wins Posted Last Week

The Hill-Hoppe team in the Oak Ridge Golf League for Y-12 links performers substantially hiked their lead in the loop with a six-point whitewash of Orrison-Dehoney last Wednesday. Smith-Bartholomew

## C, A Shift Anglers Set Fishing Rodeos

Two groups of Y-12 shift workers have scheduled fishing rodeos for Norris Lake today and tomorrow, Wednesday and Thursday, May 18 and 19.

C Shift anglers will hold their competition today, Wednesday, May 18, based at the Andersonville Boat Dock. This action will begin at 12:01 a.m. and continue until 5 p.m. Tickets will be 50 cents per person and prizes will be awarded for the largest fish caught in several categories. Only one fishing prize will be presented any one angler and a dock prize and door prize will be drawn for. The prizes for the top fishermen include tickle box, spinning reel, spinning rod, sleeping bag, rain suit, stringer and bucket and gasoline stove.

Fishermen from A Shift will converge tomorrow, Thursday, May 19, at the Pellissippi Boat Dock for their rodeo. Prizes of fishing equipment are to be awarded as well as a dock prize.

Motor vehicle accidents killed 36,700 and injured 2,825,000 on United States highways during 1958.



remember...

ONLY YOU CAN  
PREVENT FOREST FIRES!

## Waterfowl To Get Surplus Grain Food

As a result of Congressional action, a new bill recently signed into law by President Eisenhower will permit the feeding of government-owned surplus grain to migratory waterfowl, according to Lou Clapper, editor of the Conservation News. Under this new law, Clapper said, the secretary of the interior can make surplus grain which has been declared unfit for human consumption available to federal, state and local conservation agencies and private conservation organizations for feeding migratory waterfowl.

#### LEUKEMIA CAUSES PROBED

Leukemia is a form of cancer for which there is growing evidence that it may be caused by a virus. The American Cancer Society is now investing nearly \$1,000,000 in search for a cure for leukemia. It is also supporting \$1,250,000 in virus research. Research has made it possible to cure leukemia in laboratory animals by drugs and massive doses of X-Rays. These experimental approaches, however, have not made it possible to cure leukemia in human patients.

## 'Full House' Of 138 Y-12 Golfers Enter In Ridge Tournament Set For Saturday

### 35 Foursomes Will Begin Play At 6 A.M., Future Tourney Dates Tentatively Given

A "full house" of 138 Y-12 golfers are booked to compete in the second plant tournament of the year, scheduled for Saturday, May 21, at the Oak Ridge Golf and Country Club. The 35 foursomes booked take up all the allotted time for starting the event and hopes of a waiting list of some six or seven additional foursomes desiring to play depend on the withdrawal or failure to show up of some of those already accepted.

#### Prompt Reporting Required

Contestants will begin activities promptly at 6 a.m. and foursomes will be started every seven minutes thereafter until 9:58 a.m. All players are urged to be ready to start at least 15 minutes before their scheduled starting time. Foursomes not ready to tee-off at their scheduled time will be placed at the end of the starting list and the next quartet in line will be sent to the starting tee.

Meanwhile, the Recreation Department announced dates and tentative dates for three more Y-12 tournaments. A definite date for the next tourney will be June 25 at the Green Meadow Country Club at Maryville. A tentative date of July 30 has been designated for competition at Gatlinburg and no reservations for carts at the mountainous course will be accepted until the tournament date is affirmed. Another tentative tournament date is August 27 at Morristown. It is expected the dates for the latter two events will be confirmed in the near future.

#### Ribbed Shoes Banned

In the Oak Ridge event Saturday, all golfers are cautioned against showing up in ribbed-sole shoes. Such footwear will not be permitted on the course.

Competitors in the event will be divided into divisions and prizes of golf balls will be awarded the first four leading scorers in both scratch and handicap in each division and also for the most and second most pars in each group.

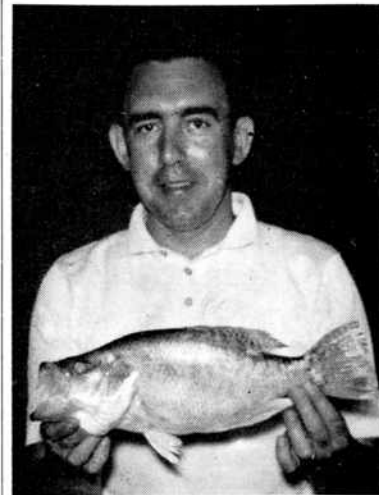
## Lenoir Lead Hiked By Bowles-Koontz

Y-12ers Clyde Bowles and Larry Koontz increased their lead in the Lenoir City Golf League for Carbide players May 9 with a three and one-half point victory over Carter-Morrison, an ORNL combo. Rutherford-Stinnett joined two other teams in a deadlock for second place, three lengths off the pace, with a two and one-half point win over Wright-Simmons, with Clyde Smith subbing for Wright. Sharing the runner-up spot were Thompson-Rogers, who dropped three points to Spradlin-Knowles; and James-Kinkaid, four-point winners over Price-White. Arrowood-Wray also scored a shutout over Beckett-F. Kennedy. C. Harris-T. Harris licked E. Kennedy-Ludlow by three and one-half and Schultz-Day deadlocked at two points with Collins-Watson.

Bowles' 39 was low scratch score of the round with Arrowood being close behind with 40. C. E. "Fuzz" Harris had the best handicap score of 33 and the Arrowood-Wray team each had 34s.

#### League standing follows:

| Team                | W      | L      |
|---------------------|--------|--------|
| Bowles-Koontz       | 14 1/2 | 1 1/2  |
| Rutherford-Stinnett | 11 1/2 | 4 1/2  |
| Thompson-Rogers     | 11 1/2 | 4 1/2  |
| James-Kinkaid       | 11 1/2 | 4 1/2  |
| Collins-Watson      | 9 1/2  | 6 1/2  |
| Schultz-Day         | 8      | 8      |
| C. Harris-T. Harris | 7 1/2  | 8 1/2  |
| Arrowood-Wray       | 7 1/2  | 8 1/2  |
| Spradlin-Knowles    | 6      | 10     |
| Wright-Simmons      | 6      | 10     |
| Becker-F. Kennedy   | 6      | 10     |
| Carter-Morrison     | 5 1/2  | 10 1/2 |
| Price-White         | 5 1/2  | 10 1/2 |
| E. Kennedy-Ludlow   | 1 1/2  | 14 1/2 |



CURIOSITY WAS FATAL to this combative crappie, which came to an untimely end while investigating a doll fly on the end of a fishing line on the other end of which was J. P. Smith, Electrical Engineering. The fish, a strong candidate for top honors in the Y-12 Annual Fishing Contest, was taken from Douglas Lake.

## Whittle Loop Lead Shared By Five

The Whittle Springs Golf League for players in the Knox County metropolis swung into action May 10 and when the last divot dropped five teams were deadlocked for first place, each winning three-point shutouts. Victims were Loy-Huskisson, Perry-Leach, Abele-Cook, Sawyer-Hendrix and Sherrod-Bolinger. Victims were Schappel-Schappel, McNew - Cunningham, Kovach-Marrow, Ratliff-Brown and Galle-Troutman. Two-point victors were Miller-Burrus over Norris-Bishop, Wyrick-Wilburn over Morgan-Campbell and Emery-Brockmier over Ingle-Ball.

Joe Miller, D. F. Leach, Al Sawyer and E. L. Hendrix all tied for low scratch scores of 37. Miller and Merle Emery had 30s for low handicap and Hendrix posted 31. Sawyer-Hendrix had a low team scratch score of 74 and low handicap tally of 64. Emery-Brockmier had 65, Perry-Leach 66 and Miller-Burrus 68 handicap scores.

#### League standing follows:

| Team              | W | L |
|-------------------|---|---|
| Huskisson-Loy     | 3 | 0 |
| Perry-Leach       | 3 | 0 |
| Abele-Cook        | 3 | 0 |
| Sawyer-Hendrix    | 3 | 0 |
| Sherrod-Bolinger  | 3 | 0 |
| Miller-Burrus     | 2 | 1 |
| Wyrick-Wilburn    | 2 | 1 |
| Emery-Brockmier   | 2 | 1 |
| Ingle-Ball        | 1 | 2 |
| Norris-Bishop     | 1 | 2 |
| Morgan-Campbell   | 1 | 2 |
| Schappel-Schappel | 0 | 3 |
| Ratliff-Brown     | 0 | 3 |
| McNew-Cunningham  | 0 | 3 |
| Kovach-Marrow     | 0 | 3 |
| Galle-Troutman    | 0 | 3 |

## Carbide Archers Begin Loop Action

Archers from Y-12, Oak Ridge National Laboratory and Oak Ridge Gaseous Diffusion Plant have begun league competition in the bow and arrow sport at the Oak Ridge Sportsmen Association range. Any Y-12ers still wanting to join the league are urged to communicate with the Recreation Department, Room 132-A, plant phone 7109. The deadline for entering four-man teams in the circuit is tomorrow, Thursday, May 19.





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# Y-12 Naval Reservist Firm Believer In Preparedness

## Blevins Takes Annual Duty Tour At Memphis

A Y-12 Naval Reserve Lieutenant Commander who is a firm believer in personal and naval preparedness is Lacie W. Blevins, an engineering aide in the metallurgical development group of the Development Operations Department in the Technical Division. A veteran of 19 years of active and inactive naval service, Lieutenant Commander Blevins has just completed an annual 14-day course of study at the Navy's Instructor School at the Naval Air Technical Center at Memphis, Tenn.

Naval Reservists such as the Y-12er, who is attached to the Naval Reserve Officers School 6-5 in Oak Ridge, maintain their military proficiency by their two weeks of active duty for training each year.

During World War II Lieutenant Commander Blevins was a pilot of a Liberator B-24 bomber. He saw service in North Africa, Gibraltar, England, Hawaii, the Admiralty Islands, Saipan, Tinian, Iwo Jima, the Philippines, Okinawa and other stations in the Pacific. He was awarded the Distinguished Flying Cross with one star in lieu of another, the Air Medal with three stars, the Philippine Liberation Medal with two stars, the Navy Unit Commendation Ribbon and various war theater ribbons.

During the Korean fighting he was recalled to active duty and served aboard the USS Franklin D. Roosevelt, an aircraft carrier. While on this tour of duty, he received a personal letter of commendation from Adm. A. M. Pride in recognition of his specialized services.

The Y-12er began his naval career as an enlisted man, joining up in 1941 as an apprentice seaman. He received steady promotions and was commissioned as an ensign in 1943.

Blevins now lives at Powell with his family.

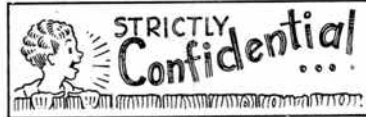


Lieut.-Com. Lacie W. Blevins

## About 800 Stockholders Elect 12 UCC Directors

Approximately 800 Union Carbide Corporation stockholders attended the annual UCC meeting on April 21 in New York City. The stockholders elected Howard S. Bunn, George O. Curme, Jr., Morse G. Dial, John W. Drye, Jr., William S. Gray, Kenneth H. Hannan, J. Victor Herd, George H. Love, Birny Mason, Jr., John P. McWilliams, Kenneth Rush and Carrol M. Shanks as directors. President Bunn reviewed operations of the Corporation in 1959, marked by record sales and earnings.

Proper identification is essential to security.



Continued from Page 2  
and T. T. Patterson . . . Get well wishes go to H. A. Hutcheson, floor-  
ed by a virus bug; and to M. N. Elam, having a swell time with the mumps.

The TW Shops send rapid recovery wishes to F. O. Fox, flu-felled; George Hyatt, suffering with a broken hand; and also to C. E. Jennings . . . Marshall Biddix is in Florida . . . H. Crutchfield is doing some home loafing with time out for fishing (what's the difference?) . . . J. H. Householder is boating and fishing.

Somehow in transmission a couple of weeks back this item concerning both the Beta Four Heavy Machine Shop and the TW Shops became garbled. Seems as how the Machine Shop regrets losing J. M. "Pat Patterson, but is happy to welcome J. L. Gilliam, who has taken up where Pat left off. At the same time the TW Shops is unhappy over losing their Gilliam, but gladly greeted Patterson in his place. It was an even swap all around—nuthin' to boot.

General Machine Shoppers extend sympathy to W. C. Fraley, whose mother-in-law, Mrs. R. L. George, died May 11 in Big Stone Gap, Va. . . Also to C. E. Bolyard, whose sister-in-law, Mrs. Mary Helms, died recently in Princeton, W. Va. . . C. D. Zehner and Bob Kelly have been welcomed into the department . . . Get well wishes are speeded to Dudley Hall, still seriously ill in Oak Ridge Hospital . . . Likewise to G. W. Howdyshell, in a Veterans Administration hospital in Virginia . . . Also to the wife of Richard Hawk, she is in Oak Ridge Hospital . . . John Gordon is enjoying a visit from his mother, of Chicago, who is stopping over en route to live in California . . . Floyd Ludwig is on vacation in Denver, Col., visiting relatives . . . Ed Armstrong was off last week unrelaxing at his Powell home . . . Others not leaving forwarding addresses last week were M. L. Crawford, J. A. Massengill and Greer Shaw.

This is an ideal real tired man's vacation—W. W. Ivey, Z Area, says he is just going to take a fishing pole to a creek bank—then sit and just let folks believe he is fishing . . . It was vacation work, however, for Ned Patty, moving into his new home at Martel . . . B. E. Sise went out to Phoenix, Ariz., for a couple of weeks—seeking sun, no doubt. A Florida vacation to visit relatives near Tampa and to do some Gulf of Mexico fishing is attracting C. E. Jarnigan, Production Control, this week . . . Mel Dickens, former PC reporter for the Colyum, is said to be slowly recovering from his automobile wreck injuries at University Hospital.

Lastly, but not leastly, Rolling



STRONG ADVOCATES OF HOME SAFETY are Y-12er Oscar W. Morris, Beta Four Heavy Machine Shop, his wife, Mrs. Olive Morris; and son, David. They are shown here looking over the home safety scorecard, recently distributed to all Y-12ers, in a home safety discussion.



PROPER PLACING and holding of a ladder for painting is shown by Morris and his son, with the feet on level ground and the painter carefully balanced to prevent a fall.

and Forming is congratulating Joe Parker, who became a member, junior grade, of the Proud Grandpop's Club when a grandson was welcomed into the family out in California . . . J. C. Oody is taking it easy at home in Maryville while vacationing.

Well, it is off to Knottsville to print this column of corn. Wish us well.

## Linde Building Rail Weld Plant At Birmingham, Ala.

The Linde Company, Division of Union Carbide Corporation, is building a rail welding plant at Birmingham, Ala. At this plant standard 39-foot rail will be "ribbon-welded" to form continuous lengths of 1,440 or 1,560 feet long. The new Linde plant is adjacent to the Ensley Steel Works of the Tennessee Coal & Iron Division of United States Steel, manufacturers of the rails. The Linde plant's output of welded rails is expected to serve many southern lines.

## Capital Of Norway Has Had Two Names Since Founding

The capital city of Norway had its name changed twice. The city was originally founded by King Harold III some 900 years ago and named Oslo. The city was destroyed 600 years later and a new one built by King Christian, who called it Christiania. The decision to resume the ancient name of Oslo was made a few years ago by the Norwegian Parliament.

## Off-Job Accident Move Warmly Received

Continued from Page 1  
who already is receiving constant instruction in home safety. By request, Wright posed for a picture to show how a scatter or throw rug can cause a nasty fall by peeling out from under its victim. Needless to say, rugs in the Wright home are so treated that they do not slip on the floors.

### Safety Is Family Project

Another warm reception on the tour came from Oscar W. Morris, also of the Beta Four Heavy Machine Shop, his wife, Mrs. Olive Morris, and their son, David, 12, at 107 Norris Lane. Realizing that home safety is a family project, they exercise proper care and procedures in all their home activities. They saw distinct possibilities in the value of the home scorecard, recently sent to all Y-12 families, as a deterring factor in avoiding off-the-job accidents.

Morris and his son obliged the photographer with a picture on the careful and proper way to hold and mount a ladder while painting to prevent a tumble by the painter.

### 19 Hurt In Three Months

Safety Department figures reveal that during the first three months of 1960—January, February and March—19 Y-12ers sustained disabling injuries in off-the-job mishaps, with a loss of 366 days. In all of 1959 there were 89 such injuries.

Compare those figures with the on-the-job accidents, reflected in the story in Column Five on Page One. Such a comparison shows how necessary it is for all Y-12ers and members of their families to observe—

"Safety Everywhere—All The Time."

## Former Y-12er Wins Award For Article On Accounting

Ward E. Foster, Oak Ridge National Laboratory and a former Y-12er, has been awarded \$40 by the Knoxville-Oak Ridge Chapter of the National Association of Accountants for submitting the best manuscript on accounting practice in a contest recently held by the chapter. The title of his article was "How We Use Visual Aids and Statistical Techniques in Reporting." John T. Reeve, another Carbide employee, was awarded \$25 for a manuscript on "Why Central Governmental Accounting." Robert L. Lyle, Atomic Energy Commission, also received \$25 for his manuscript on "Internal Auditing in the AEC."

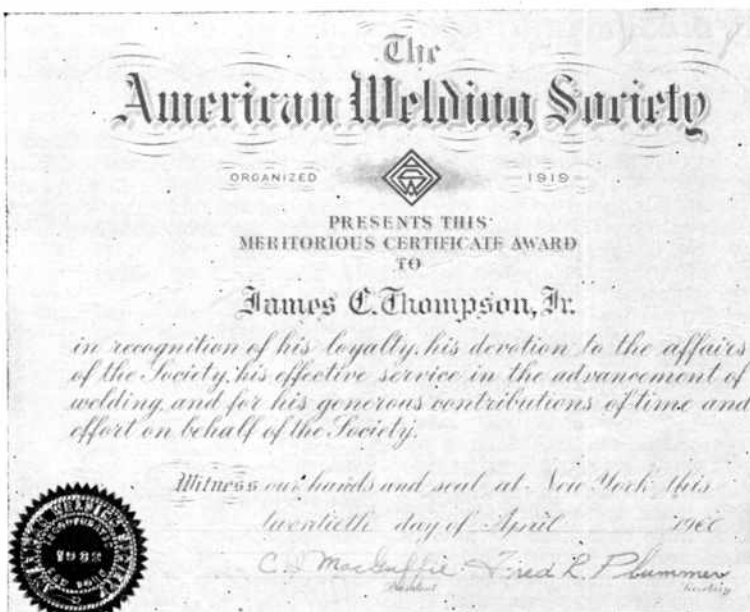
Follow plant procedures in handling all classified materials and information.

## 5,000,000-Hour Mark Is Reached In Y-12

Continued from Page 1  
saw the present plant record of 5,394,077 hours of accident-free operations recorded from December 17, 1957 to June 3, 1958.

The current period without a disabling injury started back on December 10, 1959, when the last lost time accident was reported.

Any UCC Safety Period of more than 5,000,000 hours duration makes all Carbide employees in the Y-12 Plant Area who participated in the period eligible for individual safety awards valued at \$10. However welcome such awards will be, the continuance of an accident free period with all Y-12ers enjoying good health and freedom from pain, loss of time and money and worry is an even better incentive for continued safe working habits, observance of all safety rules and procedures in all types of Y-12 work.



Y-12ER JAMES C. THOMPSON, JR., MECHANICAL INSPECTION, was signally honored April 25 by the American Welding Society by being one of its few members throughout the country to receive the AWS Meritorious Certificate Award, above. The presentation was made at the national convention of the AWS at Los Angeles, Cal., and the certificate citation read, "in recognition of his loyalty, his devotion to the affairs of the Society, his effective service in advancement of welding and for his generous contributions of time and effort on behalf of the Society."